CE CIT UOB

ITCE471 (DSP)

Quiz 1

Time: 15 minutes **Date: 4 April, 2016**

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Name:	Sec: 1	ID #:

Q: A system $y[n]-0.5y[n-1] = x[n]$:

1. Find impulse response
2. Find $y[n]$ if $x[n] = \cos(\pi n)$
3. Find $y[n]$ if $x[n] = \sin(\pi n)$